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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Parviz Tayebati

Serial No.:

09/910,698

Filing Date:

07/19/2001

Title:

ELECTRO-OPTICALLY TUNABLE EXTERNAL CA对TY

MIRROR FOR A NARROW LINEWIDTH

SEMICONDUCTOR LASER

Group Art Unit:

2828

Examiner:

L. Scott, Jr.

Attorney's Docket No.:

CORE-3 CON 3

Assistant Commissioner For Patents Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.56, 1.97 and 1.98, Applicants hereby make the following documents of record in the above-identified application:

U.S. Patents

- (1) U.S. Patent No. 5,022,038 issued 06/04/91 to Bradley.
- (2) U.S. Patent No. 5,418,802 issued 05/23/95 to Chwalck.
- (3) U.S. Patent No. 5,541,945 issued 07/30/96 to Yamaguchi et al.
- (4) U.S. Patent No. 5,617,435 issued 04/01/97 to Nagai et al.
- (5) U.S. Patent No. 5,644,584 issued 07/01/97 to Nam et al.

Other Documents

- (6) Marx et al., "Low-loss strain induced optical waveguides in strontium barium niobate (Sr_{0.6}Ba_{0.4}Nb₂O₆) at 1.3 μm wavelength", Appl. Phys. Lett., American Institute of Physics, Vol. 66, No. 3, January 16, 1995, pp. 274-276.
- (7) R.C. Alferness et al., "Vertically coupled InGaAsP/InP buried rib waveguide filter:, Appl: Phys. Lett. 59 (20), American Institute of Physics, November 11, 1991, pp. 2573-2575.

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- (8) F. Heismann et al., "Narrow-linewidth, electro-optically tunable InGaAsP-Ti:LiNbo₃ extended cavity laser", Appl. Phys. Lett., Vol. 51, No. 3, July 20, 1987, pp. 164-166.
- (9) V. Jayaraman et al., "Extended Tuning Range In Sampled Grating DBR Lasers", IEEE Photonics Technology Letters, Vol. 5, No. 5, May 1993, pp. 489-491.

Copies of these documents, which are listed on the accompanying Form PTO-1449 (two pages), are enclosed herewith. Applicants respectfully request that these documents be fully considered by the U.S. Patent and Trademark Office during the examination of this application and printed on any patent which may issue on this application. Applicants also respectfully request that a copy of Form PTO-1449 (two pages), as considered and initialed by the Examiner, be returned to the undersigned with the next communication.

A check in the amount of One Hundred Eighty Dollars (\$180.00) payable to the Commissioner of Patents and Trademarks also is enclosed herewith to cover the fee due in connection with this submission.

It is believed that this disclosure complies with the requirements of 37 CFR 1.56, 1.97 and 1.98. If for any reason the Examiner considers otherwise, it is respectfully requested that the undersigned be contacted by the Examiner by telephone in order that any deficiencies may be expeditiously remedied.

The enclosed documents may have markings thereon. Applicants are not presently aware of the source of those markings, and no significance is meant to be attached thereto.

Please charge any additional fees due in connection with this submission, or credit any overpayment, to Deposit Account No. 16-0221. A duplicate copy of this submission is enclosed for the convenience of the Examiner.

Thank you.

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE	Respectfully submitted,
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November 18, 2002	Moone of . Down on
(DATE OF DEPOSIT)	// James A. Sheridan
James A. Sheridan	Registration No. 43,114
(NAME OF ATTORNEY)	Pandiscio & Pandiscio
James a. Sheristan 11/18/0.	2 470 Totten Pond Road
(SIGNATURE)	Waltham, MA 02154
November 18, 2002	Tel. (781) 290-0060
(DATE OF SIGNATURE)	

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PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Compl t if Kn wn				
Application Number	09/910,698			
Filing Date	07/19/2001			
First Named Inventor	Parviz Tayebati			
Group Art Unit	2828			
Examiner Name	L. Scott, Jr.			
Attorney Docket Number	CORE-3 CON 3			

		U.S. PATENT DOC	UMENTS	
Examiner Cite Initials No.1	U.S. Patent Documen Kind Cod Number (if known	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	5,022,038	Bradley	06-04-1991	
	5,418,802	Chwalck	05-23-1995	
	5,541,945	Yamaguchi et al.	07-30-1996	
	5,617,435	Nagai et al.	04-01-1997	
	5,644,584	Nam et al.	07-01-1997	<u>rii</u>
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	FOREIGN PATENT DOCUMENTS							
	Foreign Patent Document		cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	T	
Examiner Initials*	Cite No. ¹	Office ³	Number ⁴	Kind Code ⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T ₆
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.